

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	IS&R	L1	1	("5835641").PN.	USPAT	2003/09/20 16:40			0
2	BRS	L2	1	1 and frame	USPAT	2003/09/20 16:40			0
3	BRS	L3	1	2 and video	USPAT	2003/09/20 16:40			0
4	BRS	L4	1	3 and time	USPAT	2003/09/20 16:41			0
5	BRS	L6	1	5 and detect\$5	USPAT	2003/09/20 17:15			0
6	IS&R	L7	1	("6483532").PN.	USPAT	2003/09/20 17:16			0
7	BRS	L8	1	7 and user	USPAT	2003/09/20 17:16			0
8	BRS	L9	1	8 and position	USPAT	2003/09/20 17:18			0
9	BRS	L10	111	video adj image and microphon\$4 and (user near3 position) and adjust\$4	USPAT	2003/09/20 17:22			0
10	BRS	L11	89	10 and audio	USPAT	2003/09/20 17:20			0
11	BRS	L12	1	11 and (adjust\$4 near4 filter\$4)	USPAT	2003/09/20 17:20			0
12	BRS	L13	0	video adj image and (microphon\$4 near4 adjust\$4) and (user near3 position) and (adjust\$4 near4 filter\$5)	USPAT	2003/09/20 17:51			0
13	BRS	L14	1	video adj image and (microphon\$4 near4 adjust\$4) and (user near3 position)	USPAT	2003/09/20 17:23			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
14	BRS	L15	11	video and image and (microphon\$4 near4 adjust\$4) and (user near3 position)	USPAT	2003/09/20 17:28			0
15	BRS	L16	1	video and image and (microphon\$4 near4 adjust\$4) and (user adj position)	USPAT	2003/09/20 17:25			0
16	BRS	L17	1	(video near4 speaker) and image and (microphon\$4 near4 adjust\$4) and (user near3 position)	USPAT	2003/09/20 17:39			0
17	BRS	L18	75	(microphon\$4 near4 adjust\$4) and (user near3 position)	USPAT	2003/09/20 17:39			0
18	BRS	L19	53	18 and speaker	USPAT	2003/09/20 17:30			0
19	BRS	L20	11	19 and image	USPAT	2003/09/20 17:30			0
20	BRS	L21	9	20 and video	USPAT	2003/09/20 17:30			0
21	BRS	L22	8	21 and audio	USPAT	2003/09/20 17:39			0
22	BRS	L23	5189	captur\$4 near4 video	USPAT	2003/09/20 17:41			0
23	BRS	L24	13	23 and (microphon\$4 near4 adjust\$4)	USPAT	2003/09/20 17:43			0
24	BRS	L25	1	24 and (user near3 position)	USPAT	2003/09/20 17:40			0
25	BRS	L26	0	25 and speaker\$4	USPAT	2003/09/20 17:40			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
26	BRS	L27	239	(captur\$4 near4 video) and speaker\$4 and ((user\$4 or operator\$4 or person\$4) near3 (position\$4))	USPAT	2003/09/20 17:46			0
27	BRS	L28	2	27 and (microphon\$4 near4 adjust\$4)	USPAT	2003/09/20 17:47			0
28	BRS	L30	0	2 and (microphon\$4 near4 adjust\$4)	USPAT	2003/09/20 18:07			0
29	BRS	L29	7	((captur\$4 near4 video) near4 (speaker\$4))and ((user\$4 or operator\$4 or person\$4) near3 (position\$4))	USPAT	2003/09/20 18:02			0
30	BRS	L31	4	(microphon\$4 near4 adjust\$4) and (user near3 position) and (adjust\$4 near4 filter\$5)	USPAT	2003/09/20 17:54			0
31	BRS	L32	1	31 and dimension\$4	USPAT	2003/09/20 17:54			0
32	BRS	L33	7	((captur\$4 near4 video) near4 (speaker\$4))and ((user\$4 or operator\$4 or person\$4) near3 (position\$4))	USPAT	2003/09/20 18:02			0
33	BRS	L34	95	(microphon\$4 near4 adjust\$4) and (adjust\$4 near4 sensitivit\$4)	USPAT	2003/09/20 18:14			0
34	BRS	L35	95	34 and microphon\$4	USPAT	2003/09/20 18:08			0
35	BRS	L36	97570	35 anad audio	USPAT	2003/09/20 18:08			0
36	BRS	L37	47	35 and audio	USPAT	2003/09/20 18:16			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
37	BRS	L38	9	37 and ((user or operator or person) near4 (position))	USPAT	2003/09/20 18:14			0
38	BRS	L39	4	38 and dimension\$5	USPAT	2003/09/20 18:14			0
39	IS&R	L40	43427	("348") .CLAS.	USPAT	2003/09/20 18:14			0
40	BRS	L41	49	40 and (microphon\$4 near4 adjust\$4)	USPAT	2003/09/20 18:14			0
41	BRS	L42	22	41 and ((user or operator or person) near4 (position))	USPAT	2003/09/20 18:15			0
42	BRS	L43	5	22 and sensitivit\$4	USPAT	2003/09/20 18:15			0
43	BRS	L44	5	43 and adjust\$4	USPAT	2003/09/20 18:16			0
44	BRS	L45	510	44 anad micrphon\$4	USPAT	2003/09/20 18:16			0
45	BRS	L46	1	44 and micrphon\$4	USPAT	2003/09/20 18:16			0
46	BRS	L47	1	46 and speaker\$4	USPAT	2003/09/20 18:16			0
47	BRS	L48	1	47 and audio	USPAT	2003/09/20 18:22			0
48	BRS	L49	0	user near4 facial near4 position	USPAT	2003/09/20 18:23			0
49	BRS	L51	1	50 and track\$4	USPAT	2003/09/20 18:27			0
50	BRS	L52	1	51 and video	USPAT	2003/09/20 18:27			0
51	BRS	L53	1	52 and dimension\$4	USPAT	2003/09/20 18:27			0
52	BRS	L50	12	user near4 facial near4 position	USPAT	2003/09/20 18:29			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
53	BRS	L54	25	((user or operator or person) near4 (facial near4 position))	USPAT	2003/09/20 18:27			0
54	BRS	L55	4	54 and track\$4	USPAT	2003/09/20 18:29			0
55	BRS	L56	3	55 and dimension\$4	USPAT	2003/09/20 18:29			0
56	BRS	L57	1	56 and video	USPAT	2003/09/20 18:30			0
57	BRS	L58	1293	user near4 fac\$\$ near4 position	USPAT	2003/09/20 18:29			0
58	BRS	L59	940	user near4 fac\$4 near4 position	USPAT	2003/09/20 18:32			0
59	BRS	L60	152	59 and track\$4	USPAT	2003/09/20 18:29			0
60	BRS	L61	79	60 and dimension\$4	USPAT	2003/09/20 18:36			0
61	BRS	L62	25	61 and video	USPAT	2003/09/20 18:30			0
62	BRS	L63	10	62 and filter\$4	USPAT	2003/09/20 18:30			0
63	BRS	L64	7	63 and adjust\$4	USPAT	2003/09/20 18:36			0
64	BRS	L65	1	((user near4 fac\$4 near4 position) near4 (two-dimension\$4))	USPAT	2003/09/20 18:34			0
65	BRS	L66	2	((user near4 fac\$4 near4 position) same (two-dimension\$4))	USPAT	2003/09/20 18:34			0
66	BRS	L67	1071	((track\$4) near3 (head or eye or face or facial) adj (position)))	USPAT	2003/09/20 18:44			0
67	BRS	L68	293	67 and dimension\$4	USPAT	2003/09/20 18:36			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
68	BRS	L69	6	68 and (adjust\$4 near4 filter\$4)	USPAT	2003/09/20 18:37			0
69	BRS	L70	58	68 and audio	USPAT	2003/09/20 18:42			0
70	BRS	L71	50	70 and video	USPAT	2003/09/20 18:38			0
71	BRS	L72	28	71 and filter\$5	USPAT	2003/09/20 18:38			0
72	BRS	L73	25	72 and adjust\$4	USPAT	2003/09/20 18:38			0
73	BRS	L75	1	74 and (two-dimension\$4 or 2D)	USPAT	2003/09/20 19:19			0
74	BRS	L74	4	73 and (three-dimension\$4 or 3D)	USPAT	2003/09/20 19:19			0
75	BRS	L76	0	68 and (adjust\$4 near3 audio)	USPAT	2003/09/20 18:42			0
76	BRS	L77	2052	adjust\$4 near3 audio	USPAT	2003/09/20 18:44			0
77	BRS	L78	0	67 and 77	USPAT	2003/09/20 18:43			0
78	BRS	L79	1661	((track\$4 or detect\$5) near3 (head or eye or face or facial) adj (position)))	USPAT	2003/09/20 19:16			0
79	BRS	L80	1	79 and (adjust\$4 near3 audio)	USPAT	2003/09/20 19:17			0
80	BRS	L5	1	4 and (flesh near4 color\$4)	USPAT	2003/09/20 18:53			0
81	BRS	L81	1	77 and ((track\$4 or detect\$5) near3 (head or eye or face or facial) adj (position)))	USPAT	2003/09/20 19:16			0
82	BRS	L82	5	79 and ((adjust\$4 near3(sound or audio))	USPAT	2003/09/20 19:17			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
83	BRS	L83	1	82 and (two-dimension\$4 or 2D)	USPAT	2003/09/20 19:19			0
84	BRS	L85	0	84 and estimat\$4	USPAT	2003/09/20 19:20			0
85	BRS	L84	1	83 and (three-dimension\$4 or 3D)	USPAT	2003/09/20 19:20			0
86	BRS	L86	1	84 and video	USPAT	2003/09/20 19:21			0
87	BRS	L87	97063	86 anfd audio	USPAT	2003/09/20 19:21			0
88	BRS	L88	1	86 and audio	USPAT	2003/09/20 19:50			0
89	BRS	L89	1	88 and track\$4	USPAT	2003/09/20 19:48			0
90	BRS	L90	59	((adjust\$4 near4 sensitivit\$4 near3 microphone))	USPAT	2003/09/20 19:56			0
91	BRS	L91	0	90 and (video near3 cameras)	USPAT	2003/09/20 19:50			0
92	BRS	L92	10155	(video near3 cameras)	USPAT	2003/09/20 19:50			0
93	BRS	L93	1	90 and (cameras)	USPAT	2003/09/20 19:50	.		0
94	BRS	L94	1	93 and audio	USPAT	2003/09/20 19:50			0
95	BRS	L95	1	94 and video	USPAT	2003/09/20 19:50			0
96	BRS	L96	4	((adjust\$4 near4 sensitivit\$4 near3 microphon\$4)) and (CCD or videos or cameras)	USPAT	2003/09/20 20:05			0
97	BRS	L97	1	((adjust\$4 near6 sensitivit\$4 near5 microphon\$4)) and (cameras)	USPAT	2003/09/20 19:55			0
98	BRS	L98	8476	video adj cameras	USPAT	2003/09/20 19:55			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
99	BRS	L99	0	98 and ((adjust\$4 near4 sensitiv\$4 near3 microphone))	USPA T	2003/09 /20 19:56			0
100	BRS	L10 0	12	98 and ((sensitiv\$4 near3 microphone))	USPA T	2003/09 /20 19:56			0
101	BRS	L10 1	11	100 and adjust\$5	USPA T	2003/09 /20 19:56			0
102	BRS	L10 2	11	101 and microphon\$4	USPA T	2003/09 /20 19:57			0
103	BRS	L10 4	1621 85	103 video	USPA T	2003/09 /20 19:57			0
104	BRS	L10 3	10	102 and audio	USPA T	2003/09 /20 19:57			0
105	BRS	L10 5	4	((adjust\$4 near4 sensitiv\$4 near3 microphon\$4)) and (CCD or videos or cameras)	USPA T	2003/09 /20 20:05			0

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1 Robust face detection for different chromatic illuminations

Soo-Chang Pei; Ching-Long Tseng;

Image Processing. 2002. Proceedings. 2002 International Conference on , Volume: 2 , 22-25 Sept. 2002

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2 Extraction of face region by using characteristics of color space and detection of face direction through an eigenspace

Adachi, Y.; Imai, A.; Ozaki, M.; Ishii, N.;

Knowledge-Based Intelligent Engineering Systems and Allied Technologies, 2000. Proceedings. Fourth International Conference on , Volume: 1 , 30 Aug.-1 Sept.

2000

Page(s): 393 -396 vol.1

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